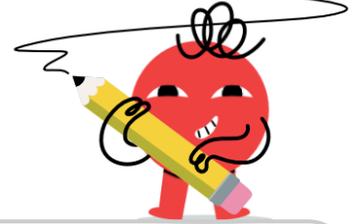
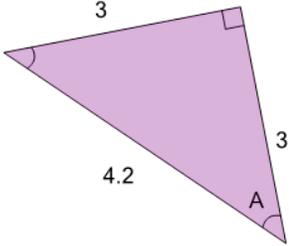




## Trigonometry - Identity Ratios from Diagrams



1



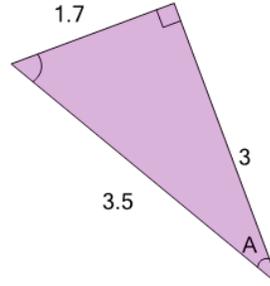
Solve for the trigonometric ratio in fraction form

A  
 $\cos(A) = 4.2 \times 3$

B  
 $\cos(A) = 4.2 \times 4.2$

C  
 $\cos(A) = \frac{3}{4.2}$

2



Solve for the trigonometric ratio in fraction form

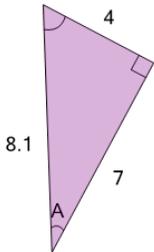
A  
 $\sin(A) = 1.7 \times 1.7$

B  
 $\sin(A) = \frac{1.7}{3.5}$

C  
 $\sin(A) = 3.5 \times 1.7$

3

Solve for the trigonometric ratio in fraction form

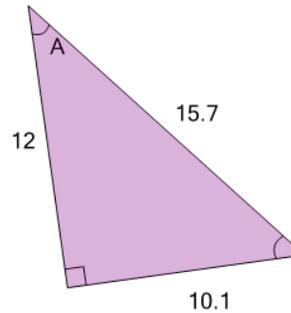


A  
 $\cos(A) = 4 \times 4$

B  
 $\cos(A) = \frac{8.1}{8.1}$

C  
 $\cos(A) = \frac{7}{8.1}$

4



Solve for the trigonometric ratio in fraction form

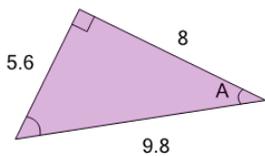
A  
 $\cos(A) = 12 \times 10.1$

B  
 $\cos(A) = 10.1 \times 15.7$

C  
 $\cos(A) = \frac{12}{15.7}$

5

Solve for the trigonometric ratio in fraction form



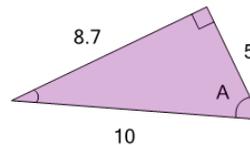
A  
 $\tan(A) = \frac{8}{5.6}$

B  
 $\tan(A) = \frac{5.6}{8}$

C  
 $\tan(A) = \frac{8}{8}$

6

Solve for the trigonometric ratio in fraction form



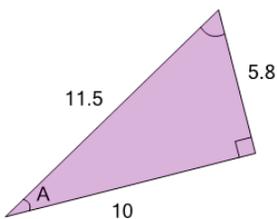
A  
 $\sin(A) = 10 \times 5$

B  
 $\sin(A) = \frac{10}{8.7}$

C  
 $\sin(A) = \frac{8.7}{10}$

7

Solve for the trigonometric ratio in fraction form



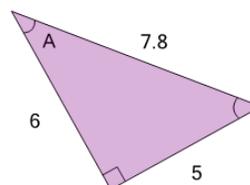
A  
 $\cos(A) = \frac{5.8}{11.5}$

B  
 $\cos(A) = \frac{10}{11.5}$

C  
 $\cos(A) = \frac{11.5}{10}$

8

Solve for the trigonometric ratio in fraction form



A  
 $\tan(A) = \frac{5}{7.8}$

B  
 $\tan(A) = \frac{5}{6}$

C  
 $\tan(A) = \frac{6}{5}$